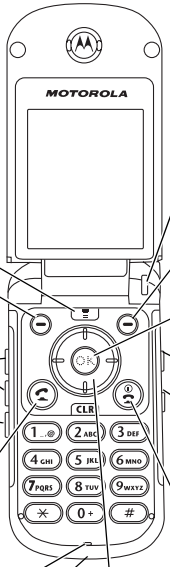
MOTOROLA

V810
CDMA

START HERE >

Welcome

Welcome to the world of Motorola digital wireless communications! We are pleased that you have chosen the Motorola V810 CDMA wireless phone.



Menu Key
Open main menu.

Left Soft Key
Perform functions identified by left display prompt.

Volume Buttons

Smart Key

Send Key
Send & answer calls, view recent dialed calls list.

Microphone

Accessory Connector Port

Status Light
See incoming call & service status.

Right Soft Key
Perform functions identified by right display prompt.

OK Key
Open or select the highlighted item.

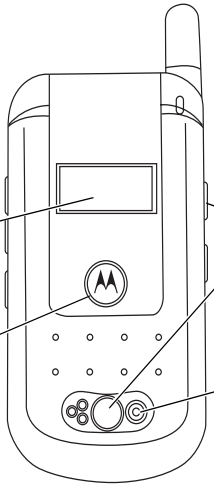
Camera Button

Voice Key
Record voice records, contacts, & shortcut names.

Power Key/End Key
Turn phone on/off, end phone calls, exit menus.

4-Way Navigation Key
Scroll through menus & lists, set feature values.

Check It Out!



External Display
View incoming call, SMS, datebook, & other status information.

Camera Light
Projected from behind logo when taking photos that require extra light.

Camera Key
Press to snap photos.

Mirror
Aim camera lens for self portraits.

Camera Lens
Take photos to send to others & use on your phone.

Note: When the camera is set to Night Mode, the Camera Light provides additional light for close-up pictures (up to 12 inches from the camera).

Feature	Description
Take Photo	Press the camera key to activate the camera, point lens at subject, press **CAPTURE** (⊖), ⊙, or the camera key to take a photo.

Feature	Description
Send Photo	Send the photo to a phone number or email address: After taking the photo, press **Accept** (⊖) > **Send In Message**
Set Photo as Caller ID Picture	Assign a photo to a **Contacts** entry to enable picture caller ID. After taking the photo, press **Accept** (⊖) > **Apply to Contact** (See “Using Caller ID” on page 51.)
Send Multimedia Message	Send a message with inserted pictures, animations, sounds: ⊡ > **Message Center** > **CREATE** > **Multimedia Message**

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Caution: Changes or modifications made in the radio phone, not expressly approved by Motorola, will void the user's authority to operate the equipment.

Manual number: 6809489A51-O

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Getting Started

CAUTION: Before using the phone for the first time, read the *Important Safety and Legal Information* included in the gray-edged pages at the back of this guide.

What's in the Box?

Your wireless phone typically comes with a battery and charger. You can purchase other accessories to customize your phone for maximum performance and portability.

To purchase Motorola Original® accessories, contact the Motorola Customer Call Center at 1-800-331-6456 in the United States or 1-800-461-4575 in Canada.

About This Guide

Optional Features

This label identifies an optional network or subscription-dependent feature that may not be offered by all service providers in all geographical areas. Contact your service provider for more information.

Optional Accessories

This label identifies a feature that requires an optional Motorola Original® accessory.

Battery Use

Caution: To prevent injuries or burns, do not allow metal objects to contact or short-circuit the battery terminals.

To maximize battery performance:

- Always use Motorola Original® battery chargers. The phone warranty does not cover damage caused from using non-Motorola battery chargers.
- New batteries or batteries that have been stored for a long time may require a longer initial charge time.
- Maintain the battery at or near room temperature when charging.
- Do not expose batteries to temperatures below -10°C (14°F) or above 45°C (113°F). Always take your phone with you when you leave your vehicle.
- When you do not intend to use a battery for a while, store it uncharged in a cool, dark, dry place, such as a refrigerator.
- Batteries gradually wear down and require longer charging times. This is normal. If you charge your battery regularly and notice a decrease in talk time or an increase in charging time, then it is probably time to purchase a new battery.

The rechargeable batteries that power this product must be disposed of properly and may need to be recycled. Refer to your battery's label for battery type. Contact your local recycling center for proper disposal methods. Never dispose of batteries in a fire because they may explode.

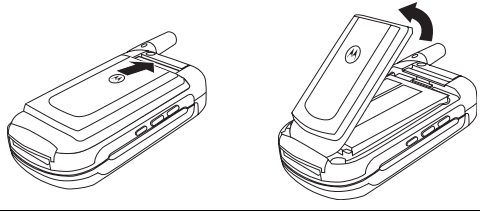
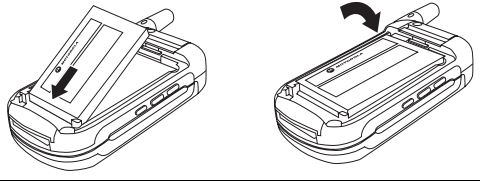
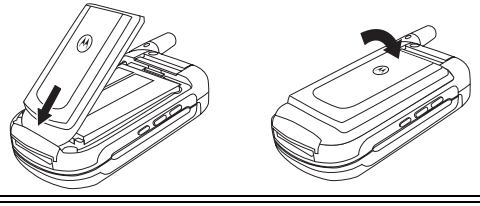
Warning: Never dispose of batteries in a fire because they may explode.

Installing the Battery

You must install and charge the battery to use your phone.

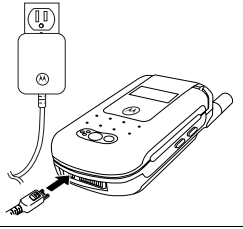
Caution: This phone comes with a 750 mAh (milliamp hours) battery and should be used only with Motorola Original batteries that are rated at 750 mAh or 1140 mAh. Use of any other battery could affect the performance of the phone and could also cause the phone to become noncompliant with the Specific Absorption Rate levels established by the FCC's Radiofrequency Exposure Guidelines.

™ Your phone is designed to use only Motorola Original batteries and accessories.

Action	
1	
2	
3	

Charging the Battery

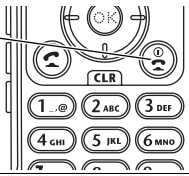
New batteries are partially charged. Before using your phone, install and charge the battery. Some batteries perform best after several full charge/discharge cycles.

	Action
1	Attach the charger into the phone, and plug the other end into an appropriate electrical outlet. 
2	Press the release tab and remove the charger when you see the following on the internal display (not visible on the external display): **Charge Complete** (if the phone is powered off) **or** **Charged** (if the phone is powered on)

Note: When you charge the battery, the battery level indicator in the upper right corner of the display shows how much of the charging process is complete. At least 1 segment of the battery level indicator must be visible to ensure full phone functionality while charging.

Turning On Your Phone

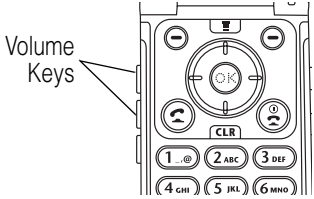
	Action
1	Press & hold for 3 seconds.
2	If necessary, enter your 4-digit unlock code (the last 4 digits of your phone number) and press **OK** (⊖) to unlock the phone.



Adjusting Volume

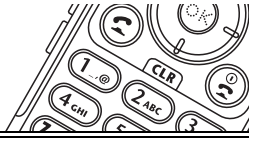
Press the up or down volume keys to:

- adjust earpiece volume during a call
- adjust ringer volume from home screen (with flip open)
- turn off an incoming call alert



Making a Call

	Action
1	Dial the number. **Tip:** If you make a mistake, press the clear key CLR to delete the last digit. Press and hold CLR to clear all digits.
2	Press ⏎ to make the call.
3	Press ⏻ to end the call.



Note: You must dial the phone number from the home screen. See page 26.

Answering a Call

When you receive a call, your phone rings and/or vibrates and displays an incoming call message.

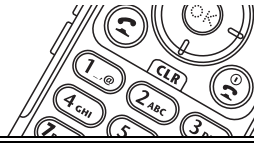
When the phone flip is **closed**

	Action
1	Open the flip to answer.
2	Close the flip to end the call.

Tip: To deactivate this feature, press MENU > **Settings** > **In-Call Setup** > **Answer Options** > **Open to Answer**, and select **Off**.)

When the phone flip is **open**

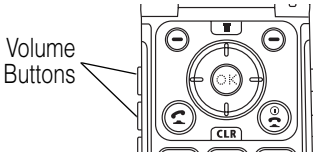
	Action
1	Press ⌐ to answer.
2	Press ¬ to end the call.



Note: If the phone is locked, you must unlock it to answer the call.

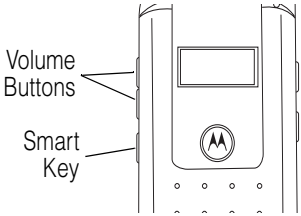
Changing the Call Alert

Phone Flip Open



Press the down volume button to switch to lower call alert volume, then switch to vibrate and, finally, silent alert. Press the up volume button to cycle back from silent alert to vibrate and then to the lowest alert volume setting.

Phone Flip Closed



Press the smart key, then press the up and down volume buttons to scroll through the alert styles: **Loud**, **Soft**, **Vibrate**, **Vibe & Ring**, and **Silent**. The alert styles are shown on the external display.

After scrolling to the desired alert style, press the smart key to save the setting and return to the home screen.

Viewing Your Phone Number

To view your phone number from the home screen, press ⊛ (#). Your phone number displays after 2 seconds.

While you are on a call, press (≡) > **My Tel. Numbers**.

Highlight Features

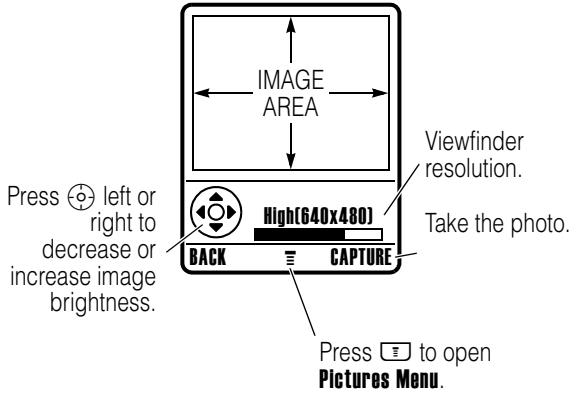
Taking a Photo

To activate your phone's camera:

Find the Feature > **Media Center** > **Pictures**
> **New** > **New Picture**

Shortcut: You can also activate the camera by pressing and holding the camera key for 2 seconds.

The active viewfinder image appears.



Point the camera lens at the photo subject, then:

	Press	To
1	**CAPTURE** (⊖), ◎, or the camera button	take a photo
2	**ACCEPT** (⊖) **or** **ERASE** (⊖)	view photo storage options (see page "Photo Storage Options" on page 19) delete the photo and return to active viewfinder (Return to step 1.)
3	⊕	scroll to the desired option
4	**SELECT** (⊖)	select the option

Taking a Self Portrait

	Action
1	Open the flip.
2	Hold the camera with the lens aimed at yourself.
3	Press the camera key on the side of the phone to activate the camera.
4	Using the mirror beside the lens to aim properly, press the camera key again to capture the photo.

	Action
5	Press **ACCEPT** (⊖) to view photo storage options (see "Photo Storage Options" below). **or** Press **ERASE** (⊖) to delete the photo and return to active viewfinder. (Return to step 1.)
6	Press ⊕ to scroll to the desired option.
7	Press **SELECT** (⊖) to select the option.

Photo Storage Options

Option	Description
Send in Message	Send the photo in a text message.
Save	Save the photo to phone memory.
Apply to Contact	Assign the photo as a **Contacts** entry to enable picture caller ID for the entry.
Apply as Wallpaper	Set the photo as your phone's wallpaper image.
Apply as Screensaver	Assign the photo as your phone's screensaver image.

Pictures Menu Options

When the camera is active, press ⊡ to access the **Pictures Menu**. The **Pictures Menu** can include the following options:

Option	Description
Change Resolution	Select **Low (160X120)**, **Med (320X240)**, or **High (640X480)**
Change Quality	Select **Low**, **Medium**, or **High**.
Change Brightness	Modify the image brightness to adjust for lighting differences.
Change Contrast	Increase or decrease contrast.
Change Image Style	Select an alternative effect for the photo.
Add Image Border	Select a "frame" for the photo (not available when resolution set to **High**).
Camera Light	Set a camera light for photos taken in settings with low light.
Mirror Effect	Turn the phone's display into a "mirror" when the camera's lens is facing you.
Multi Shot	Set the camera to take multiple photos in quick succession when you press **CAPTURE** (⊖) 1 time.

Option	Description
Night Mode	Set the camera to adjust automatically for low light.
Shutter Tone	Change the sound the phone makes as it takes a photo.
Picture Status	View current settings for all camera options.
Delete All	Delete all stored photos.
View Used Space	View the percent of photo memory currently available.

Sending a Multimedia Message

A *Multimedia Messaging Service* (MMS) *message* can contain media elements including text, photos, pictures, animations, sounds, and voice memos. You can send the message to other wireless phones and to email addresses.

Find the Feature MENU > Message Center
> Create Message OK
> Multimedia Message

	Action
1	Scroll to [**New Phone Number**] or [**New Email Address**] and press ⊙, enter the new number or address, and press **OK** (⊖). **or** Scroll to a phone number or email address from the **Contacts** list, and press ⊙. (You can select multiple numbers and/or addresses from the list.)
2	Press **NEXT** (⊖).
3	Enter message text. Press ⊟ to access these options: **Preview**—Play the multimedia message. **Insert**—Scroll to the desired option and press **SELECT** (⊖) (see table following these steps for options). **Page Timing**—Set the number of seconds each page is displayed. **Remove Image/Sound**—Delete the image or sound file attached to the current page. **Remove VoiceMemo**—Delete the voice memo attached to the current page. **Cut**—Delete text. **Copy**—Copy text. **Paste**—Paste text that was copied previously.

	Action
	Entry Mode—Select **Numeric**, **Symbol**, **Primary**, or **Secondary** (see page 33).
	Entry Setup—Select TAP or iTAP (see page 33).
	Flip Layout—Reverse the sequence of text and multimedia object.
4	Press **NEXT** (⊖) go to the next screen, and make the desired entries:
	Subject:—Subject or title of message.
	Cc:—Message copy recipient(s).
	Bcc:—Recipient(s) of message copy, not known to other recipient(s).
	Priority:—Set to **Normal** or **High**.
	Read Reply:—Indication that message is delivered and read.
	Receipt—A delivery report.
	Attachment—Attach a picture or sound.
5	Press **SEND** (⊖) to send the message.
	or
	Press ⊟ to send the message later, view message details, save the message in the drafts folder, or cancel the message.

The following are the options you can insert into the message:

Option	Description
New Picture	Take a new photo and insert it into the message.
Picture	Select and insert a prestored picture or animation into the message.
New Voice Memo	Record a new voice memo and insert it into the message.
Saved Voice Memo	Select and insert a stored voice memo into the message.
Sound	Select and insert a prestored sound into the message.
New Page	Insert an additional message "page." (An indicator at the top of the page specifies the currently displayed page.)
Template	Open an MMS template with preloaded media.

Receiving a New Multimedia Message

When you receive a multimedia message or letter, your phone displays the ✉ (message

waiting) indicator and a **New Message** notification, and sounds an alert.

Press	To
READ (⊖)	open the message

Multimedia messages that you receive can contain different media objects:

- Photos, pictures, and animations are displayed as you read the message.
- A sound file begins playing when its slide is displayed. Use your phone's volume keys to adjust the volume as the sound file plays.

Note: In a multimedia letter, you may have to highlight an indicator embedded in the message text to play a sound file.

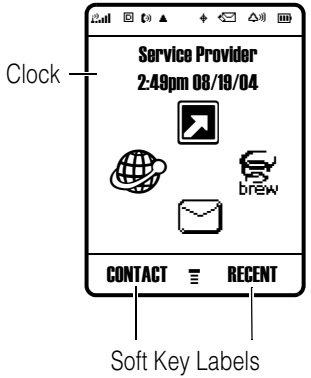
- Attached files are appended to the message. To open the attachment, highlight the file indicator or file name and press **VIEW** (⊖) (image file type), **PLAY** (⊖) (sound file), or **OPEN** (⊖) (vObject such as **Contacts** entry or datebook entry, or unknown file type).

Learning to Use Your Phone

See page 1 for a basic phone diagram.

Using the Display

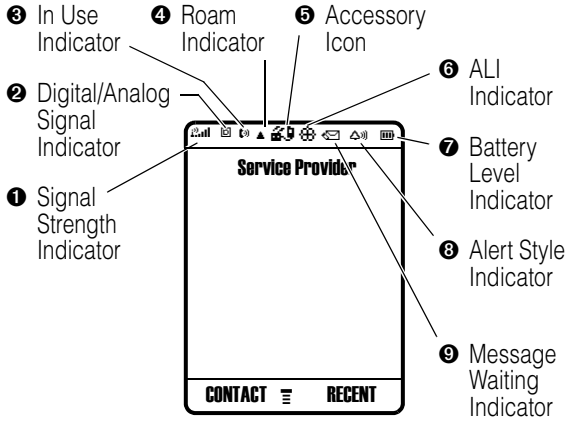
The *home screen* (shown below) is the standard display you see when you are *not* on a call or using the menu. You must be in the home screen to place a call.



Note: Menu organization, feature names, and feature availability may vary depending on your service provider and service subscription options.

Labels at the bottom corners of the display show current soft key functions. Press the left (⊖) or right soft key (⊖) to perform the function indicated by the left or right label.

The following status indicators can display:



❶ Signal Strength Indicator Indicates the strength of your phone's connection with the network.

Strong No Signal

You cannot make or answer calls when the "no signal" indicator displays.

Network / Subscription Dependent Feature

❷ Digital/Analog Signal Indicator Shows whether you are receiving a digital or analog signal:

= digital signal = analog signal

= digital (3G) signal

❸ **In Use Indicator** Indicates that a call is in progress. Other indicators can include:

= datebook alarm

= packet data

= status secure data

VP = voice privacy

❹ **Roam Indicator** Displays when phone uses a network outside the home network (▲). When you leave your home network, your phone *roams*, or seeks, another network.

❺ **Accessory Icon** Displays when your phone is charging or is plugged into a data connector.

❻ **ALI Indicator** Shows the status of the *automatic location information* feature:

= ALI on = ALI off

❼ **Battery Level Indicator** Vertical bars show battery charge level. Recharge battery when you see **Low Battery** and hear the low battery alert.

❽ **Ring Style Indicator** Shows ring style setting:

= loud ring = soft ring

= vibrate = vibrate and ring

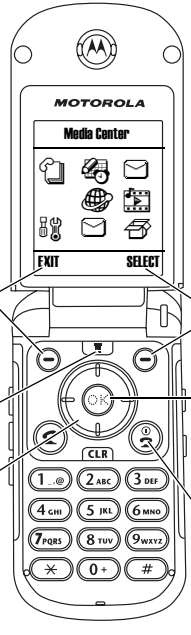
= silent

❾ **Message Waiting Indicator** Appears when you receive a text message. Other indicators can include:

✉ = voicemail message

✉ = voicemail and text message

Using Menus



Left Soft Key Perform functions identified by left display prompt.

Menu Key Enter a sub-menu.

4-Way Navigation Key Scroll **up**, **down**, **left**, or **right**.

Right Soft Key Perform right function.

OK Key Enter Main Menu.

End Key Exit menu without making changes.

Selecting a Menu Feature

You can access most of your phone's features through a system of menus. The home screen shows 4 icons that represent 4 of these menus. Press ⊕ to select one of these icons and open the corresponding menu.

Press ⊡ to display the main menu. From the main menu, you can select the following feature menus, which are represented by the icons shown:

Menu Icon	Feature	Menu Icon	Feature
	Contacts		Settings
	Recent Calls		Office Tools
	Message Center		More
	Brew		Alert Styles
	Launch Mobile Web		Voice Records
	Media Center		Shortcuts

Press **More** (📁) to see features listed above that do not appear in the main menu.

Note: Menu organization, feature names, and feature availability may vary depending on your service provider and service subscription options.

Tip: You can set your phone to display the main menu as a text-based list rather than graphic icons. See page 68.

Selecting a Menu Feature

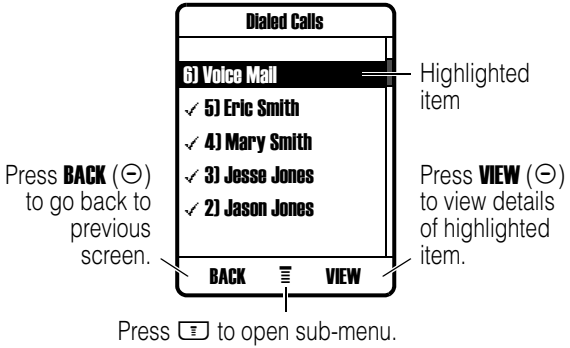
From the home screen, select a menu feature as follows:

Find the Feature ☰ > **Contacts**

This example shows that from the home screen, you must press ☰, then scroll to and select **Contacts** from the main menu. Use ⊕ to scroll, and the left/right soft keys to select the functions listed in the bottom left and right corners of the display.

Selecting a Feature Option

Some features require you to select an item from a list:

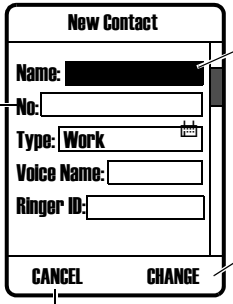


Note: Some displays do not include the **BACK** (⊖) soft key. You must press CLR to exit.

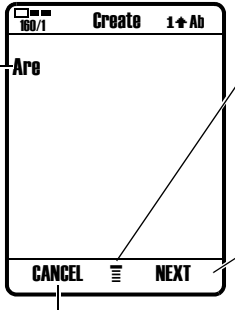
Press ⊕ to scroll up or down to highlight an item.

Entering Text

Some features require you to enter information:


New Contact
Name:
No:
Type: Work
Voice Name:
Ringer ID:
CANCEL
CHANGE
Highlighted item
Press ⊕ to scroll down to additional items.
Press CHANGE (⊖) or ⊙ to enter or edit information.
Press CANCEL (⊖) to exit without making changes. DONE (⊖) displays when you enter or edit information.

The message center lets you compose and send text messages. A *flashing cursor* shows where text will appear:



Choosing a Text Entry Mode

Multiple text entry modes make it easy for you to enter names, numbers, and messages. The mode you select remains active until you select another mode.

Press ⊡ > **Entry Mode** from a text entry screen to select an entry mode:

Primary	Use your preferred entry method (**iTAP** or **Tap Method**).
Numeric	Enter numbers only.
Symbol	Enter symbols only (see page 39).
Secondary	Use your alternate entry method (**iTAP** or **Tap Method**).

You can also press the ⊛ key to cycle through entry modes.

Assigning Text Entry Methods

Press ⊡ > **Entry Setup** to assign one of the following entry methods as your **Primary** and **Secondary** entry modes:

iTAP	Let the phone predict each word as you enter it (see page 36).
Tap Method	Enter letters, numbers, and symbols by pressing a key one or more times (see following section).

Text Entry Mode and Method Indicators

Whenever you are in an entry screen, icons at the top of the screen indicate the entry method and mode:

Primary	Secondary	
1 ab	2 ab	Tap, no capital letters
1 Ab	2 Ab	Tap, next letter capital
1 AB	2 AB	Tap, all capital letters
1 ab	2 ab	iTAP, no capital letters
Ab	2 Ab	iTAP, next letter capital
1 AB	2 AB	iTAP, all capital letters

The following indicators identify **Numeric** or **Symbol** entry mode:

123 = numeric mode @ = symbol mode

Using the Tap Method

This is the standard mode for entering text on your phone.

	Press	To
1	a number key 1 or more times	select a letter, number, or symbol shown in the "Character Chart" on page 35
2	number keys	enter the remaining characters
3	**OK** (⊖)	store the text when you are finished

Tap Method Text Entry Rules

- Press a number key repeatedly to cycle through its characters. See the “Character Chart” on page 35.
- If you do not press a key for 2 seconds, the character in the block cursor is accepted, and the cursor moves to the next position.
- Press ⊕ left or right to move the flashing cursor to the left or right in a message.
- The first character of every sentence is capitalized. While the first character is highlighted by the cursor, press ⊕ down to force the character to lowercase.

Character Chart

Use this chart as a guide for entering characters with the tap method.

1 .@	. 0 1 ? ! , @ _ & ~ : ; " - ( ) ' % $
2 abc	a b c 2 ä å á à â ã \ ç
3 def	d e f 3 ë é è ê
4 ghi	g h i 4 ï í î
5 jkl	j k l 5
6 mno	m n o 6 ñ ö ó ò õ
7 pqrs	p q r s 7
8 tuv	t u v 8 θ ü ú ù û
9 wxyz	w x y z 9
0 +	+ - 0 x * / \ [ ] = > < #

Note: This chart may not reflect the exact character set available on your phone.

Using iTAP® Software Text Entry Method

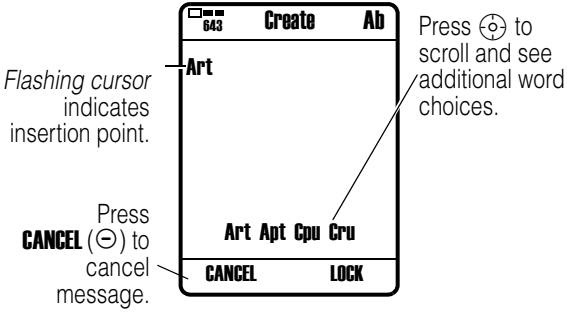
iTAP® software is a predictive text entry method that lets you enter a word using 1 keystroke per letter.

Note: You can switch languages within a message in iTAP text mode. Press [menu] > **Entry Setup** to select the language you want to use.

Entering Words

	Action
1	Press a number key 1 time to enter the first letter of the word. The letters associated with the key are shown at the bottom of the display.
2	Press number keys (1 per letter) to enter the rest of the word. Alternative words and letter combinations are shown at the bottom of the display. The word choices are updated with each keypress.
3	Press ⊕ to highlight the word you want.
4	Press **SELECT** (⊖) to enter the word at the flashing cursor location. A space is automatically inserted after the word.

For example, to spell the word “art,” press 2 ABC 7 PQRS 8 TUV. The display shows:



Entering Novel Words

You may enter a word that the iTAP software does not recognize. If the word you want is not displayed:

	Action
1	Press CLR 1 or more times to delete letters until you see a letter combination that matches the start of the word.
2	Press ⊕ left or right to highlight the letter or letter combination.
3	Press **LOCK** (⊖) to “lock” the selected word portion.
4	Continue to enter letters and highlight letter combinations to spell the word.

Entering Punctuation

Press	To
0+ or 1	enter punctuation or other characters as shown in the "Character Chart" on page 35

Using Capitalization

The first word of a sentence is automatically capitalized, with following words in lowercase.

Action
Press ⊕ up once to change the highlighted word or letters to initial character capitalized
Press ⊕ up twice to change the highlighted word or letters to uppercase characters
Press ⊕ down once to change the highlighted word or letters to lowercase characters
Press 0+ once to change the highlighted word or letters to uppercase/lowercase characters.

Entering Numbers

	Action
1	Enter the first digit and then highlight it to put the iTAP software in number entry mode
2	Press number keys to add digits to the number.
3	Press **SELECT** (⊖) to enter the number at the flashing cursor location.

Deleting Letters and Words

Place the cursor to the right of the text you want to delete, and then do the following:

Action
Press CLR to delete 1 letter at a time.
Hold CLR to delete the entire message.

Using the Symbol Mode

As an alternate way to enter symbol characters in a message, press MENU > **Entry Mode** from any text entry screen and select **Symbol**.

	Action
1	Press a number key 1 time to display its symbol options at the bottom of the display. See the "Symbol Chart" on page 39.
2	Press ⊕, or press the number key multiple times, to highlight the symbol you want.
3	Press **SELECT** (⊖) to enter the symbol at the flashing cursor location.

Symbol Chart

Use this chart as a guide for entering characters in symbol mode.

1	. ? ! , @ _ & ~ : ; " - ( ) ' %
2 ABC	@ _ \
3 DEF	/ : ;

4 GHI	" & '
5 JKL	( ) [ ] { }
6 MNO	¿ ¡ ~
7 PQRS	< > =
8 TUV	$ £ ¥ ¤
9 WXYZ	# % *
0 +	+ - x * / = > < # §

Note: This chart may not reflect the exact character set available on your phone.

Using the External Display

When the flip is closed, the external display shows the time, date, and phone status information. It also displays messages to notify you of incoming calls and other events.

See pages 27–29 for descriptions of the status indicators that may appear.

Locking and Unlocking Your Phone

You can lock your phone manually or set the phone to lock automatically whenever you turn it off.

To use a locked phone, you must enter the unlock code. A locked phone still rings or vibrates for incoming calls or messages, **but you must unlock it to answer**.

You can make emergency calls on your phone even when it is locked. For more information, see page 52.

Locking Your Phone Manually

Find the Feature ☐ > **Settings** > **Security** > **Phone Lock** > **Lock Now**

	Press	To
1	keypad keys	enter your unlock code
2	**OK** (⊖)	lock the phone

Unlocking Your Phone

Tip: Your phone's unlock code is originally set to 1234 at the factory. Your service provider may reset this code before you receive your phone.

At the **Enter Unlock Code** prompt:

	Press	To
1	keypad keys	enter your unlock code
2	**OK** (⊖)	unlock your phone

Setting Your Phone to Lock Automatically

You can set your phone to lock every time you turn it off.

Find the Feature ☐ > **Settings** > **Security** > **Phone Lock** > **Automatic Lock** > **Verify Unlock Code** > **On**

	Press	To
1	keypad keys	enter your unlock code
2	**OK** (⊖)	activate automatic lock

Changing a Code or Password

Your phone's 4-digit unlock code is originally set to 1234, and the 6-digit security code is originally set to 000000 at the factory. Your service provider may reset these numbers before you receive your phone.

If your service provider has *not* reset these numbers, we recommend that you change them to prevent other users from accessing your personal information. The unlock code must contain 4 digits, and the security code must contain 6 digits.

To change a code or password:

Find the Feature ☰ > **Settings** > **Security** > **New Passwords**

If You Forget a Code or Password

If you forget your security code, contact your service provider.

If you forget your unlock code, try entering 1234 or the last 4 digits of your phone number. If that does not work, do the following at the **Enter Unlock Code** prompt:

	Press	To
1	☰	go to the unlock code bypass screen
2	keypad keys	enter your security code
3	**OK** (⊖)	submit your security code

Setting Up Your Phone

Storing Your Name and Phone Number

To store or edit your name and phone number on your phone:

Find the Feature > **Settings** > **Phone Status** > **My Tel. Number**

Defining the Time and Date Format

You can define the format your phone uses to show the time and date on the home screen.

Find the Feature > **Settings** > **Initial Setup** > **Time and Date**

Setting an Alert Style

Your phone rings or vibrates to notify you of an incoming call or other event. This ring or vibration is called an *alert*.

You can select one of five different alert styles:

- = Loud
- = Soft
- = Vibrate
- = Vibe & Ring
- = Silent

The ring style indicator in the display shows the current alert style (see page 27).

Flip Open

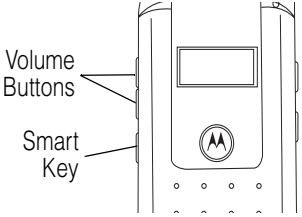
To set an alert style using menu selections:

Find the Feature MENU > **Alert Styles** > **Style**

	Press	To
1	NAV left or right	scroll to the alert style
2	**CHANGE** (OK)	select the ring style

Each ring style contains settings for specific event alerts, ringer ID, and ringer and keypad volume. To change these settings, press MENU > **Alert Styles** > *Style* **Detail**.

Flip Closed



Press the smart key, then press the up and down volume buttons to scroll through the alert styles: **Loud**, **Soft**, **Vibrate**, **Vibe & Ring**, and **Silent**. The alert styles are shown on the external display.

After scrolling to the desired alert style, press the smart key to save the setting and return to the home screen.

Turning the Flip Tone On and Off

You can set your phone to play several musical notes whenever you close the flip.

Find the Feature MENU > **Settings** > **Personalize** > **Flip Tone**

Setting Answer Options

You can use different methods to answer an incoming call.

Find the Feature MENU > **Settings** > **In-Call Setup** > **Answer Options**

The **Answer Options** menu includes:

Multi-key	answer by pressing any key
Open to Answer	answer by opening the flip

Setting a Wallpaper Image

You can set a picture or animation as a wallpaper (background) image in your phone's display.

Note: When you set an animation as a wallpaper image, only the first frame of the animation is displayed.

Find the Feature MENU > **Settings** > **Personalize** > **Wallpaper**

	Press	To
1	⊕	scroll to **Picture**
2	**CHANGE** (⊖)	open the picture viewer

	Press	To
3	⊕ up or down	scroll to a picture/animation Scroll to **(None)** to turn off the wallpaper image.
4	**SELECT** (⊖)	select the image
5	⊕	scroll to **Layout**
6	**CHANGE** (⊖)	adjust the image layout
7	⊕	scroll to **Center** or **Tile** **Center** places the image in the center of the display and, if necessary, shrinks the image to fill the display. **Tile** fills the display with adjacent copies of the image
8	**CHANGE** (⊖)	confirm the layout setting
9	**DONE** (⊖)	save wallpaper settings

You can also set a photo as wallpaper immediately after you capture the photo (see page 17).

Setting a Screen Saver Image

You can set a picture or animation as a screen saver image. The image is displayed when the phone flip is open and no key presses are detected for a period of time.

The screen saver image is shrunk to fill the display, if necessary. An animation repeats for one minute, then the first frame of the animation is displayed.

Tip: Turn off the screen saver to extend battery life.

Find the Feature MENU > **Settings** > **Personalize** > **Screen Saver**

	Press	To
1	⊕	scroll to **Picture**
2	**CHANGE** (⊖)	open the picture viewer
3	⊕ up or down	scroll to a picture/animation Scroll to **(None)** to turn off the screen saver image.
4	**SELECT** (⊖)	select the image
5	⊕	scroll to **Delay**
6	**CHANGE** (⊖)	set the delay interval
7	⊕	scroll to the inactivity interval that triggers the screen saver
8	**CHANGE** (⊖)	confirm the delay setting
9	**DONE** (⊖)	save screen saver settings

Setting Display Color

You can select the color palette that your phone uses to display indicators, highlights, and soft key labels.

Find the Feature MENU > **Settings** > **Personalize** > **Color Style**

Adjusting the Backlight

You can set the amount of time that the display and keypad backlights remain on, or turn off backlights to extend battery life.

Find the Feature ☰ > **Settings** > **Initial Setup** > **Backlight**

Hiding or Showing Location Information

The *automatic location information* (ALI) feature tells the network where you are physically located.

When ALI is set to **Location On**, your phone displays the (ALI on) indicator. Services may use your known location to provide useful information (for example, driving directions, or the location of the nearest bank). Your phone prompts you when the network or a service asks for your location. You can refuse at this point.

When ALI is set to **911 Only**, your phone displays the (ALI off) indicator, and the phone does not send location information unless you call the emergency phone number (such as 911).

Find the Feature ☰ > **Settings** > **Location**

	Press	To
1	⊕	scroll to **Location On** or **911 Only**
2	**SELECT** (⊖)	select the setting

To view or change the location transmission status of your phone during a call, press ☰ > **Settings** > **Location**.

Calling Features

For basic instructions on how to make and answer calls, see page 14.

Changing the Active Line

Change the active phone line to make and receive calls from your other phone number.

Find the Feature > **Settings** > **Phone Status** > **Active Line**

Redialing a Number

If you hear an ordinary busy signal:

	Press	To
1		hang up
2		redial the busy number

Using Automatic Redial

If the network is busy, you hear a fast busy signal, and your phone displays **Call Failed**.

With automatic redial, your phone automatically redials the number for four minutes. When the call goes through, your phone rings or vibrates one time, displays **Redial Successful**, and then connects the call.

You must turn on automatic redial to use the feature. To turn automatic redial on or off:

Find the Feature > **Settings** > **Initial Setup** > **Auto Redial**

When automatic redial is turned off, you can manually activate the feature to redial a phone number. When you hear a fast busy signal and see **Call Failed**:

Press	To
⌦ or **RETRY** (⊖)	activate automatic redial

Using Caller ID

Calling line identification (caller ID) displays information about incoming calls in your phone's external and internal displays.

- When the caller's name is stored in **Contacts** with a caller ID picture, your phone shows the number on the external display and the picture on the internal display. (You must open the flip to view the picture.)

  For instructions on using a photo as a caller ID picture, see page 19.

- When the caller's name is stored in **Contacts** without a picture, the phone displays the caller's name.
- The phone displays **Incoming ...** when caller ID information is not available.

Canceling an Incoming Call

While the phone is ringing or vibrating:

Press	To
⏻ or **IGNORE** (⊖)	cancel the incoming call

Depending on your phone settings and/or service subscription, the call may be forwarded to another number, or the caller may hear a busy signal.

Turning Off a Call Alert

You can turn off your phone's incoming call alert before answering the call.

Press	To
up or down volume key	turn off the alert

Calling an Emergency Number

Your service provider programs one or more emergency phone numbers, such as 911, that you can call under any circumstances, even when your phone is locked.

Note: Emergency numbers vary by country. Your phone's preprogrammed emergency number(s) may not work in all locations, and sometimes an emergency call cannot be

placed due to network, environmental, or interference issues.

	Press	To
1	keypad keys	dial the emergency number
2	⦾	call the emergency number

Viewing Recent Calls

Your phone keeps a list of the calls you recently received and dialed, even if the calls did not connect. The lists are sorted from newest to oldest entries. The oldest entries are deleted as new ones are added.

Shortcut: Press ⦾ to go directly to the dialed calls list from the home screen.

Find the Feature ⦿ > **Recent Calls**

	Press	To
1	⊕	scroll to **Received Calls** or **Dialed Calls**
2	**SELECT** (⊖)	select the list
3	⊕	scroll to an entry **Note:** ✓ means the call connected.

	Press	To
4	⌦	call the entry's number
		Tip: Press and hold ⌦ for 2 seconds to send the number as DTMF tones during a call.
	or	
	VIEW (⊖)	view entry details
	or	
	⊡	open the **Last Calls Menu** to perform other procedures

The **Last Calls Menu** can include the following options:

Option	Description
Store	Create a **Contacts** entry with the number in the **No.** field.
Delete	Delete the entry.
Delete All	Delete all entries in the list.
Send Message	Open a new text message with the number in the **To** field.
Add Digits	Add digits after the number.
Attach Number	Attach a number from **Contacts** or the recent call lists, after the highlighted number.

Returning an Unanswered Call

Your phone keeps a record of your unanswered calls, and displays **Missed Calls *X***, where ***X*** is the number of missed calls.

	Press	To
1	**SELECT** (⊖)	see the received calls list
2	⊕	select a call to return
3	⌐	make the call

Using the Notepad

Your phone stores the most recent string of digits you entered in a temporary memory location called the *notepad*. This can be a phone number that you called, or a number that you entered but did not call. To retrieve the number from the notepad:

Find the Feature ☰ > **Recent Calls** > **Notepad**

Press	To
⦾	call the number
or	
MESSAGE (⊖)	send a message to the number
or	
☰	open the **Dialing Menu** to attach a number or insert a special character
or	
STORE (⊖)	create a **Contacts** entry with the number in the **No.** field

Attaching a Number

While dialing (with digits visible in the display):

Press	To
☰ > **Attach Number**	attach a number from **Contacts** or the recent call lists

Calling with Speed Dial

You can assign unique *speed dial* numbers to as many as 9 **Contacts** entries. To speed dial a **Contacts** entry:

	Press	To
1	keypad keys	enter the speed dial number for the entry you want to call

	Press	To
2	*	submit the number **Note:** Some networks let you skip this step for speed dial numbers 1 through 9.
3		call the entry

Calling with 1-Touch Dial

To call **Contacts** entries 1 through 9, just press and hold the 1-digit speed dial number for 1 second.

We recommend that you reserve **Contacts** entry 1 (speed dial number 1) for storing and dialing your voicemail phone number.If necessary, see the *More Here* guide for information on how to store your voicemail number as a **Contacts** entry.

Using Voicemail

Voicemail messages that you receive are stored on the network. To listen to your messages, you must call your voicemail phone number.

Note: Your service provider may include additional information about using this feature.

Listening to Voicemail Messages

Find the Feature MENU > **Message Center** > **VoiceMail** OK

The phone calls your voicemail phone number. If no voicemail number is stored, your phone prompts you to store one.

Shortcut: Your service provider may also store your voicemail phone number as **Contacts** entry number 1. **Contacts** entry number 1 is empty by default.

Receiving a Voicemail Message

When you receive a voicemail message, your phone displays the (voice message waiting) indicator and a **New VoiceMail** notification.

Press	To
VIEW (⊖)	listen to the message

The phone calls your voicemail phone number. If no voicemail number is stored, your phone prompts you to store one.

Storing Your Voicemail Phone Number

If necessary, use the following procedure to store your voicemail phone number on your phone. Usually, your service provider has already done this for you.

Find the Feature MENU > **Message Center** > **Settings** OK > **Voicemail No.**

	Press	To
1	keypad keys	enter your voicemail number
2	**OK** (⊖)	store the number

Using Your Phone as a Speakerphone

To use your phone as a speakerphone during a call, press **SPEAKER** (⊖).

Muting the Phone

To mute your phone during a call:

	Press	To
1	▭	open the **In-Call** menu
2	⊕	scroll to **Mute**
3	**OK** (⊖)	mute the phone

Press **MUTE** (⊖) to turn off muting.

Using Call Waiting

When you are on a call, an alert tone sounds to indicate that you have received a 2nd call.

	Press	To
1	⌒	answer the new call
2	⌒	switch back to the first call

Phone Features

Main Menu

This is the standard main menu layout. **Menu organization and feature names may vary on your phone.** If you do not find a feature in the main menu, select **More** (☞) to see additional menu features. Not all features may be available for all users.

- **Contacts**
- **Recent Calls**
  - Received Calls
  - Dialed Calls
  - Notepad
  - Call Times
  - Data Times
  - Data Volumes
- **Message Center**
  - Voicemail
  - Create Message
  - Inbox
  - Drafts
  - Templates
  - Outbox
  - Safebox
  - Settings
- **Launch Mobile Web**
  - Home
  - Back
  - Clear Memory
  - Snapshots
  - Show URL
  - Reload
  - Settings
  - Exit
  - Advanced
- **Media Center**
  - Pictures
  - Sounds
- **Settings**
  (see next page)
- **Calculator**
- **Datebook**
- **More**
  (network operator-dependent menu features)
- **Alert Styles**
  - *Style*
  - Loud Detail
  - Sounds
- **Voice Records**
- **Shortcuts**

Note: You can reorder menu options and create shortcuts to personalize the menu (see page 68).

Settings Menu

- **Personalize**
  - Main Menu
  - Home Keys
  - Color Style
  - Greeting
  - Banner
  - Flip Tone
  - Wallpaper
  - Themes
  - Screen Saver
- **Initial Setup**
  - Time and Date
  - Auto PIN Dial
  - Auto Redial
  - Backlight
  - Service Lamp
  - TTY Setup
  - Scroll
  - Animation
  - Language
  - Brightness
  - DTMF
  - Master Reset
  - Master Clear
- **Browser Setup**
- **Connection**
  - Incoming Call
- **In-Call Setup**
  - In-Call Timer
  - Answer Options
- **Phone Status**
  - My Tel. Number
  - Active Line
  - Battery Meter
  - Other Information
- **Security**
  - Phone Lock
  - Lock Side Keys
  - Lock Application
  - Restrict Calls
  - New Passwords
  - 1xRTT Data
- **Location**
  - Location on
  - 911
- **More**
  (network operator-dependent menu features)
- **Network**
  - Current Network
  - Analog Only
  - Set Mode
  - Service Tone
  - Call Drop Tone
- **Car Settings**
  - Auto Answer
  - Auto Handsfree
  - Power-off Delay
- **Headset**

Shortcuts
Change display zoom: Press [menu], then press and hold [menu]
Change ringer alert: Open flip, press down volume key to decrease volume, then switch to silent alert. Press up volume key to reset ring alert and increase volume.
Display my phone number: Press [menu] [*] (in idle)
Go to dialed calls list: Press [send] (in idle)
Exit menu system: Press [end]

Calling Features

Feature	Description
3-Way Call	During a call: Dial 3rd party's number, press ⦿ to call, press ⦿ again to connect
Restrict Calls	Restrict outgoing or incoming calls: ▭ > **Settings** > **Security** > **Restrict Calls**
TTY Calls	Set up your phone for use with an optional TTY device: ▭ > **Settings** > **Initial Setup** > **TTY Setup**

Message Features

Feature	Description
Inbox Setup	▭ > **Message Center** > **Settings** ⓞ > **Msg Inbox Setup**
Send Text Message	Send a text message: ▭ > **Message Center** **Create Message** (ⓞ) > **TXT Message**
Send Multimedia Message	Send a multimedia message: ▭ > **Message Center** > **Create Message** (ⓞ) > **Multimedia Message**

Feature	Description
Insert Objects in Text Message	While composing a text message: ☰ > **Insert**
Use Multimedia Template	Open a multimedia template with preloaded media: ☰ > **Message Center** > **Templates** Ⓞ > **Multimedia**
Receive Messages	Read a new text or multimedia message that you have received: Press **VIEW** (⊖).
Store Message Objects	Go to a multimedia message slide, or highlight an object in a letter, then: ☰ > **Store**
Send Quick Note Message	Send or create a quick note message: ☰ > **Message Center** > **Templates** Ⓞ > **Quick Notes**
View Sent Messages	View sent messages: ☰ > **Message Center** > **Outbox** Ⓞ
View Draft Messages	View messages saved in drafts folder: ☰ > **Message Center** > **Drafts** Ⓞ

Feature	Description
Preset New Message Fields	Enter a signature and callback number for automatic inclusion in new messages, and set outbox preference: ⊡ > **Message Center** > **Settings** ⊙ > **New Msg Setup**
Enter or Change Voicemail Number	⊡ > **Message Center** > **Settings** ⊙ > **Voicemail No.**

Contacts Features

Feature	Description
Create Entry	**1** In idle display, enter a phone number. **2** Press **STORE** (⊖). Your phone creates a **Contacts** entry for the number. **3** Press **CHANGE** (⊖) to open **Name**. **4** Enter the entry name and press **OK** (⊖). **5** Press ⊕ to highlight other items. Press **CHANGE** (⊖) to edit a highlighted item: **Type**—entry type (not available for email entries)

Feature	Description
	Voice Name—record a voice name for the entry **Ringer ID**— alert for calls or messages from entry **Picture**—select picture to display when you select this entry **Add Phone No.**—add another phone number for same entry **Add Email Address**—add another email address for same entry
Dial Number	Call a number stored in **Contacts**: M > **Contacts** > *entry to call*
Store PIN Code in Number	While entering a number: M > **Insert Pause**, **Insert Wait**, or **Insert 'n'** **Pause**—Waits for call to connect, then sends remaining digit(s). If your network does not recognize the 1st pause character, try entering 2 (**pp**). **Wait**—Waits for the call to connect, the prompts you for confirmation before sending remaining digit(s). **'n'**—Prompts for a number before dialing. The number you enter is inserted into the dialing sequence in place of the **n** character.

Feature	Description
Voice Dial Number	Voice dial a number stored in **Contacts**: Press and release voice key, then say entry's name (in 2 seconds).
Edit Contact	Edit **Contacts** entry: M > **Contact**s > *entry* M > **Edit Contact**
Delete Entry	Delete **Contacts** entry: M > **Contact**s > *entry* M > **Delete Contact**
Set Primary Number	Set the primary number for a **Contacts** entry with multiple phone numbers: M > **Contact**s > *entry* M > **Set Primary** > *phone number*
Sort Contacts	Set whether **Contacts** entries are listed by name or email address: M > **Contacts** M > **Contacts Setup** > **Sort by** > **Name** or **Email**

Personalizing Features

Feature	Description
Change Alerts	Change the alerts for incoming calls, messages, or other events: M > **More** > **Alert Styles** > *Style* **Detail** > *event name* **Note:** *Style* indicates the current alert style, such as **Loud** or **Soft**.
Activate Ringer IDs	Set your phone to use distinctive ring tones to notify you of incoming calls: M > **More** > **Alert Styles** > *Style* **Detail** > **Ringer ID** **Note:** *Style* indicates the current alert style, such as **Loud** or **Soft**.
Ring Volume	Set ringer volume: M > **More** > **Alert Styles** > *Style* **Detail** > **Ring Volume** **Note:** *Style* indicates the current alert style, such as **Loud** or **Soft**.
Keypad Volume	Set keypad keypress volume: M > **More** > **Alert Styles** > *Style* **Detail** > **Key Volume** **Note:** *Style* indicates the current alert style, such as **Loud** or **Soft**.
Change Greeting	Change the greeting that appears when you turn on your phone: M > **Settings** > **Personalize** > **Greeting**

Feature	Description
Change Banner	Change the banner in the home screen: ☰ > **Settings** > **Personalize** > **Banner**
Language	Set menu language: ☰ > **Settings** > **Initial Setup** > **Language**
Reorder Menu Items	☰ > **Settings** > **Personalize** > **Main Menu** > **Reorder**
Change Menu View	Display the main menu as graphic icons or as a text-based list: ☰ > **Settings** > **Personalize** > **Main Menu** > **View**
Menu Scroll Behavior	Set the highlight bar to wrap around when you reach the top or bottom of a list: ☰ > **Settings** > **Initial Setup** > **Scroll**
Soft Keys & Menu Icons	Change soft key labels and menu feature icons in the home screen: ☰ > **Settings** > **Personalize** > **Home Keys**
Shortcuts	Create a shortcut to a menu item: Highlight the menu item, then press and hold ☰. Select a shortcut: ☰ > **More** > **Shortcut** > *shortcut name*

Menu Features

Feature	Description
Master Reset	Reset all options *except* unlock code, security code, lifetime timer: ☰ > **Settings** > **Initial Setup** > **Master Reset**
Master Clear	Reset all options *except* unlock code, security code, lifetime timer, clear all user settings and entries: ☰ > **Settings** > **Initial Setup** > **Master Clear**

Dialing Features

Feature	Description
Auto PIN Dial	Automatically dial an authenticating PIN code for outgoing calls: ☰ > **Settings** > **Initial Setup** > **Auto PIN Dial** Network / Subscription Dependent Feature
DTMF Tones	Activate DTMF tones: ☰ > **Settings** > **Initial Setup** > **DTMF** Send DTMF tones during a call: Press number keys. Send stored numbers as DTMF tones during a call: Highlight a number in the **Contacts** or recent call lists, then press: ☰ > **Send Tones**

Call Monitoring

Network connection time is the elapsed time from the moment you connect to your service provider's network to the moment you end the call by pressing ⏻. This time includes busy signals and ringing.

The amount of network connection time you track on your resettable timer may not equal the amount of time for which you are billed by your service provider. For billing information, please contact your service provider directly.

Feature	Description
Call Times	View call timers: Ⓜ > **Recent Calls** > **Call Times**
In-Call Timer	Display the elapsed time during a call: Ⓜ > **Settings** > **In-Call Setup** > **In-Call Timer** > **Timer** Set a timer to beep at selected intervals during a call: Ⓜ > **Settings** > **In-Call Setup** > **In-Call Timer** > **Beep**

Handsfree Features

Note: The use of wireless devices and their accessories may be prohibited or restricted in certain

areas. Always obey the laws and regulations on the use of these products.

Feature	Description
Speaker-phone	Activate a connected external speakerphone during a call: Press **SPEAKER** (⊖) (if available) or ☰ > **Speakerphone On**
Auto Answer (car kit or headset)	Automatically answer calls when connected to a car kit or headset: ☰ > **Settings** > **More** > **Car Settings** or **Headset** > **Auto Answer**
Auto Handsfree (car kit)	Automatically route calls to a car kit when connected: ☰ > **Settings** > **More** > **Car Settings** > **Auto Handsfree**
Power-Off Delay (car kit)	Set phone to stay on for a specified period after ignition is turned off: ☰ > **Settings** > **More** > **Car Settings** > **Power-off Delay**

Data and Fax Calls

Feature	Description
Send Data or Fax	Connect phone and device, then place call through device application.
Receive Data or Fax	Connect phone and device, then: M > **Settings** > **Connection** > **Incoming Call** > **Next Call** > **Data In Only** or **Fax In Only** Reset normal voice operation: M > **Settings** > **Connection** > **Incoming Call** > **Next Call** > **Normal**

Network Features

Feature	Description
Network Settings	View network information, adjust network settings: M > **Settings** > **More** > **Network**

Personal Organizer Features

Feature	Description
Add Datebook Event	Add an event to the datebook: ☰ > **Datebook** > *day* ☰ > **New Event**
View Datebook Event	View or edit event details: ☰ > **Datebook** > *day* Press > **VIEW** (⊖) to display events scheduled for the selected *day*, scroll to the desired event, and press **VIEW** (⊖).
Event Reminder	View event reminder: **VIEW** (⊖) Dismiss event reminder: **EXIT** (⌐)
Copy Datebook Event	Copy a datebook event to date and/or time: ☰ > **Datebook** > *day* Press > **VIEW** to display events scheduled for the selected *day*, scroll to the desired event, press ☰, then scroll to and select **Copy**.
Calculator	☰ > **More** > **Calculator**
Currency Converter	☰> **More** > **Calculator** ☰ **Convert Currency** or **Convert Currency Exchange Rate**

Feature	Description
Record Voice Memo	Press and hold voice key, speak voice record, release voice key. **Note:** Recording phone calls is subject to varying state and federal laws regarding privacy and recording of conversations.
Play Voice Memo	Play back a recorded voice memo: M > **More** > **Voice Memos** > *voice memo* > **PLAY**

Security Features

Feature	Description
Lock Application	Lock phone applications: M > **Settings** > **Security** > **Lock Application**

News and Entertainment Features

Feature	Description
Picture Viewer	Manage pictures and animations: M > **Media Center** > **Pictures**
Sounds	Compose your own ring tones, manage ring tones that you have composed or downloaded: M > **Media Center** > **Sounds**

Specific Absorption Rate Data

The model wireless phone meets the government's requirements for exposure to radio waves.

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. Government and by the Canadian regulatory authorities. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age or health.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC and by the Canadian regulatory authorities is 1.6 W/kg.[1] Tests for SAR are conducted using standard operating positions accepted by the FCC and by Industry Canada with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station, the lower the power output.

Before a phone model is available for sale to the public in the U.S. and Canada, it must be tested and certified to the FCC and Industry Canada that it does not exceed the limit established by each government for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) reported to the FCC and available for review by Industry Canada. The highest SAR value for this model phone when tested for use at the ear is 1.32 W/kg, and when worn on the body, as

described in this user guide, is 0.36 W/kg. (Body-worn measurements differ among phone models, depending upon available accessories and regulatory requirements).[2]

While there may be differences between the SAR levels of various phones and at various positions, they all meet the governmental requirements for safe exposure. Please note that improvements to this product model could cause differences in the SAR value for later products; in all cases, products are designed to be within the guidelines.

Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications & Internet Association (CTIA) Web site:

`http://phonefacts.net`

or the Canadian Wireless Telecommunications Association (CWTA) Web site:

`http://www.cwta.ca`

1. In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.
2. The SAR information includes the Motorola testing protocol, assessment procedure, and measurement uncertainty range for this product.

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